Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. *First & Final Bill* (For Other Works) Date……2020

Division: **BBMP, Byatarayanapura** Sub-Division: **BBMP, Vidyarnyapura**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……
Sub Divisional **Work Code: 009-20-000012**

Schedule Docket No. Head of Account: **P-1771** **Est.Cost: Rs. 20.00 Lakhs** D.R.No. :

Name of Work (as per sanctioned estimate):	Emergency Works in Ward No. 09 (Vidyaranyapura), Vidyaranyapura Sub Division.
Name of Contractor and Full Address:	***Sri V. Bharath Kumar, # 88, Varadarajaswamy Layout, Singapura, Bangalore - 560 097.***

Reference to Agreement No. **EE/BTP/BBMP/ E-PMT/01(41720)/WO/75/2020-21** Date: **13.08.2020**

Certified that the measurements were taken by me on 16/09/2020 and recorded of **Pages** 494171 **to** 494179 of measurement Book No. 4942/17-18 and that the work is satisfactorily executed.

Contractor V. Bharath **Officer-in-charge of work**

Certified that the measurement were taken by me on 16/9 ……and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being ……percent Rs……
3) " Balance
4) Deduct Payment:
   a. Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…….. Amount adjusted towards cash advance recovery of
   b. Payments Now made { cost store or other material supplied. / recovery of amount creditable to this/other work / Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within.
9) Value of Government materials supplied.

Total amount adjusted -

V. Bharath
Contractor's Signature

Received Rs…….. (in words)……
……
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) (For use in the Office)

Witness
1.
2.

Stamp

Dated Signature of Contractor
Paid by me by Cheque No……Dated……
Cash Rs……..
Dated……

Initials of Officer making payment **Executive Engineer**

Sl. No.		Uni
1	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cur
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work	Sqr
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work	Sqr
4	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqr
5	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cur
6	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqr
7	Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using **40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cur
8	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqr
9	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqr
10	Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work	Cur
11	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work	Sqr
12	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600 mm x 900 mm made out of retro reflective sheeting conforming to Type XI standrads of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of dlue colour and white letters and fixed over 4 mm thick aluminium composite materials sheet having minimum 0.5 mm thick aluminium skin on both sides with back side painted grey colour and fixed over back supportframe SS angle of 15 mm x 20 mm x 1.2 mm supported by 38 mm OD stainless steel pipe all round in 304 grade and 2 nos of vertical posts of 50 mm OD stainless steel pipe of 202 grade firmly fixed to the ground means of properly designed foundation of size 450 mm x 450 mm x 600 mm in 1:1.5:3 ratio cement concrete the background shall be blue in color with letters and boarder in white the item includes earthwork excavation cost of all materials, loading, unloading, lead, lift, transportation etc complete as per direction of engineer incharge of work clause 6.9 of IRC 67-2012 for Type XI retro reflective sheeting from the sheeting manugacturer & a dertified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered shall be submitted by the contractor for techincal qualification in the tender, etc., complete as per the direction of engineer in charge	Sqn
	Sub Total	
	GST @ 12%	
	Grand Total	

CERTIFICATE

1. Certified that the above work done satisfactory and no materials issued from departmentally.

Previous Measurement		Present Measurement			Total Upto Date		Remarks
Qty.	Cost	Qty.	Rate Rs. P.	Amount	Qty	Cost	
	-	296.40	250.24	74171.00	296.40	74171.00	
-	-	1308.10	111.30	145592.00	1308.10	145592.00	
-	-	319.40	742.00	236995.00	319.40	236995.00	
-	-	674.30	95.40	64328.00	674.30	64328.00	
-	-	155.10	1700.00	263670.00	155.10	263670.00	
-	-	674.30	36.04	24302.00	674.30	24302.00	
-	-	33.70	5551.22	187076.00	33.70	187076.00	
-	-	1926.60	5.30	10211.00	1926.60	10211.00	
-	-	1926.60	13.00	25046.00	1926.60	25046.00	
-	-	77.06	6900.00	531714.00	77.06	531714.00	
-	-	67.60	240.00	16224.00	67.60	16224.00	
-	-	4.50	14000.00	63000.00	4.50	63000.00	
				1642329.00		**1642329.00**	
				197079.00		**197079.00**	
				1839408.00		**1839408.00**	

Assistant Executive Engineer
Vidyaranyapura Sub Division
PRMP, Bangalore-97